

ABSTRACT

An electrolytic solution for electrolytic capacitors is disclosed which allows to generate higher spark voltages without inducing decrease in the specific electric conductivity. The electrolytic solution comprises an organic polar solvent (C) and further comprises a carboxylic acid (A0) and/or its salt (B) dissolved in the solvent, wherein the carboxylate anion (A) is characterized in that the energy of formation in water of its ionic complex (D) with aluminum ion is not more than -250 kcal/mol and not less than -500 kcal/mol as calculated by the MM3/PM3 method of the CAChe system.